

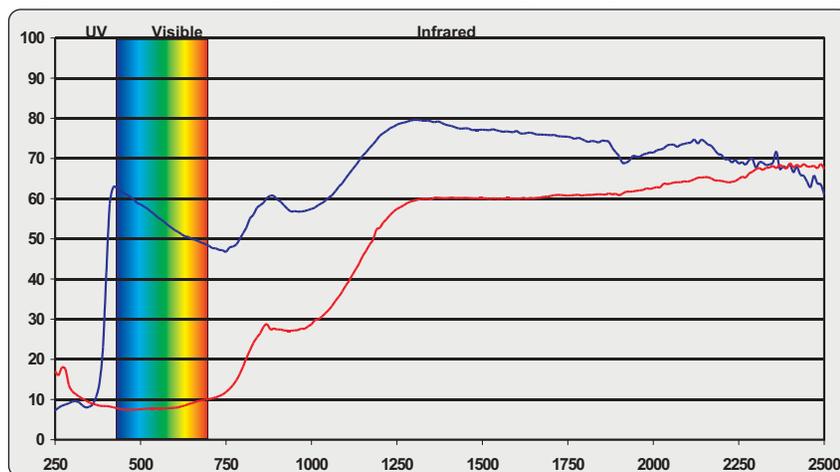
Product Information

V-799 Cool Colors™ IR Black

Chromium Green-Black Modified

V-799 is a proprietary, patented Infrared Reflective Black Pigment. It is darker and bluer than most Infrared Reflective Black pigments currently on the market. It has excellent chemical resistance, outdoor durability, light fastness, heat stability and is non-bleeding and non-migratory. V-799 possesses **Very High Solar Reflectivity** for a Black pigment. Suggested applications include RPVC, Polyolefins, Engineering Resins, Paints and Coatings including General Industrial, Coil and Extrusion coatings.

Spectral Curves (Red = Masstone) ---- (Blue = 1:4 Tint)



Total Solar Reflectance of Masstone = Approximately 25%



Masstone



1:4 Tint

Physical Properties

Specific Gravity (g/cc)	5.30 (± 0.05)	Helium Pycnometer
Solid Weight (lbs/gal)	44.1 (± 0.50)	Calculated from Specific Gravity
Bulking Value (gal/lb)	$2.26 \times 10^{-2} (\pm 5 \times 10^{-4})$	Calculated from Solid Weight
Oil Absorption (lbs/100lbs)	7.0 (± 25%)	ASTM D281
Mean Particle Size (um)	1.50 (± 15%)	Horiba Particle Size Analyzer
pH	5.9	ASTM D1208 / ASTM E70
Residue (325 mesh)	Trace (<0.10% by Wt)	ASTM D185